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OM protein - protein search, using sw model

Run on: March 25, 2003, 08:29:27 ; Search time 15 seconds  
(without alignments)  
27.461 Million cell updates/sec

Title: US-09-982-259-7

Perfect score: 72

Sequence: 1 GMTFRAQEGAFITG 14

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA.\*

1: /cgn2\_6/ptodata/2/iaa/5A\_COMB.pep.\*

2: /cgn2\_6/ptodata/2/iaa/5B\_COMB.pep.\*

3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep.\*

4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep.\*

5: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep.\*

6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	72	100.0	339	1	US-08-396-957A-4
2	42	58.3	341	1	US-08-396-957A-5
3	41	56.9	111	1	US-08-466-886-43
4	41	56.9	111	4	US-08-469-617-43
5	39.5	54.9	4928	4	US-09-036-987A-5
6	39.5	54.9	4928	4	US-09-370-700-5
7	37	51.4	602	4	US-09-374-454-19
8	36	50.0	339	4	US-09-071-035-80
9	36	50.0	333	4	US-08-313-412-1
10	36	50.0	361	4	US-09-071-035-78
11	35.5	49.3	1891	2	US-08-804-227C-12
12	35.5	49.3	1891	2	US-08-804-198-6
13	35	48.6	353	4	US-09-171-156A-65
14	35	48.6	353	4	US-09-171-156A-68
15	34	47.2	246	4	US-09-627-376-15
16	34	47.2	529	2	US-08-933-227-4
17	34	47.2	549	4	US-09-134-001C-2973
18	33.5	46.5	5588	4	US-09-036-987A-6
19	33.5	46.5	5588	4	US-09-370-700-6
20	33	45.8	38	1	US-07-977-630-79
21	33	45.8	112	4	US-09-378-088A-84
22	33	45.8	113	4	US-09-378-088A-72
23	33	45.8	123	3	US-08-844-188-41
24	33	45.8	123	4	US-09-378-088A-41
25	33	45.8	201	2	US-08-801-740-6
26	33	45.8	201	2	US-08-801-740-7
27	33	45.8	201	4	US-08-801-740-6

Sequence 7, Appli  
Sequence 12, Appli  
Sequence 4, Appli  
Sequence 5, Appli  
Sequence 2, Appli  
Sequence 44, Appli  
Sequence 2, Appli  
Sequence 2, Appli  
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Sequence 4, Appli  
Sequence 58, Appli  
Sequence 58, Appli  
Sequence 58, Appli  
Sequence 58, Appli  
Sequence 58, Appli  
Sequence 466, App

US-08-801-740-7  
US-07-662-005A-12  
US-07-662-005A-4  
US-09-140-466-5  
US-09-315-861-2  
US-09-398-395A-44  
US-08-937-931-2  
US-09-285-502-2  
US-09-709-126-2  
US-09-871-385A-2  
US-08-026-138E-4  
US-08-231-193A-58  
US-08-486-273A-58  
US-08-940-086A-58  
US-08-940-035A-58  
US-08-935-105A-58  
US-09-648-797-58  
US-08-905-223-466

#### ALIGNMENTS

#### RESULT 1

US-08-396-957A-4

; Sequence 4, Application US/08396957A

; Patent No. 5780041

; GENERAL INFORMATION:

; APPLICANT: SIMPSON, WARREN; SCHWAN, TOM G.

; TITLE OF INVENTION: ANTIGENIC PROTEINS AND

; NUMBER OF SEQUENCES: 9

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

; STREET: 345 PARK AVENUE

; CITY: NEW YORK

; STATE: NEW YORK

; COUNTRY: USA

; ZIP: 10154

; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/396,957A

; FILING DATE: 01-MAR-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/020,245

; FILING DATE: 19-FEB-1993

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/664,731

; FILING DATE: 05-MAY-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/487,716

; FILING DATE: 05-MAY-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: DOROTHY R. AUTH

; REGISTRATION NUMBER: 36,434

; REFERENCE/DOCKET NUMBER: 2026-4018US4

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 758-4800

; TELEFAX: (212) 751-6849

; TELEX: 421792

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 339

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

**1.**

; TYPE: amino acid  
; STRANDEDNESS: not relevant  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: peptide  
US-08-466-886-43

Query Match 56.9%; Score 41; DB 1; Length 111;  
Best Local Similarity 62.5%; Pred. No. 1.2;  
Matches 10; Conservative 1; Mismatches 3; Indels 2; Gaps 1;

Qy 1 GMTFRAQEG--AFLTG 14  
Db 11 GVTFHQPGEMAFLTG 26

RESULT 4  
US-08-469-617-43  
; Sequence 43, Application US/08469617  
; Patent No. 6201107  
; GENERAL INFORMATION:

; APPLICANT: Tsui, Lap-Chee  
; APPLICANT: Riordan, John R.  
; APPLICANT: Rommens, Johanna M.  
; APPLICANT: Keren, Bat-Sheva  
; APPLICANT: Collins, Francis S.  
; APPLICANT: Iannuzzi, Michael C.  
; APPLICANT: Drumm, Mitchell L.  
; APPLICANT: Buckwald, Manuel  
; TITLE OF INVENTION: Cystic Fibrosis Gene  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
; STREET: 1100 New York Avenue, N.W.  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/469,617  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 800

; ATTORNEY/AGENT INFORMATION:  
; NAME: Goldstein, Jorge A.  
; REGISTRATION NUMBER: 29,021  
; REFERENCE/DOCKET NUMBER: 1329.0010008  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-371-2600  
; TELEFAX: 202-371-2540

; INFORMATION FOR SEQ ID NO: 43:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 111 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: not relevant  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: peptide  
US-08-469-617-43

Query Match 56.9%; Score 41; DB 4; Length 111;  
Best Local Similarity 62.5%; Pred. No. 1.2;  
Matches 10; Conservative 1; Mismatches 3; Indels 2; Gaps 1;

Qy 1 GMTFRAQEG--AFLTG 14  
Db 11 GVTFHQPGEMAFLTG 26

RESULT 5  
US-09-036-987A-5

; Sequence 5, Application US/09036987A  
; Patent No. 6143526  
; GENERAL INFORMATION:  
; APPLICANT: Baltz, Richard H.  
; APPLICANT: Broughton, Mary C.  
; APPLICANT: Crawford, Kathryn P.  
; APPLICANT: Madduri, Krishnamurthy  
; APPLICANT: Merlo, Donald J.  
; APPLICANT: Treadway, Patti J.  
; APPLICANT: Turner, Jan R.  
; APPLICANT: Waldron, Clive  
; TITLE OF INVENTION: Biosynthetic Genes For Spinosyn Insecticide  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Dow AgroSciences LLC Patent Department  
; STREET: 9330 Zionsville Road  
; CITY: Indianapolis  
; STATE: Indiana  
; COUNTRY: USA  
; ZIP: 46268

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/036,987A  
; FILING DATE: 09-MAR-1998  
; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:  
; NAME: Stuart, Donald R.  
; REGISTRATION NUMBER: 28,479  
; REFERENCE/DOCKET NUMBER: 50,608  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (317)337-4816  
; TELEFAX: (317)337-4847  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4928 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-036-987A-5

Query Match 54.9%; Score 39.5; DB 4; Length 4928;  
Best Local Similarity 64.3%; Pred. No. 1.8e+02;  
Matches 9; Conservative 2; Mismatches 2; Indels 1; Gaps 1;

Qy 1 GMTFRAQEGAFLTG 14  
Db 3383 GSTY-VREGAFLTG 3395

RESULT 6  
US-09-370-700-5  
; Sequence 5, Application US/09370700  
; Patent No. 6274350  
; GENERAL INFORMATION:

; APPLICANT: Baltz, Richard H.  
; APPLICANT: Broughton, Mary C.  
; APPLICANT: Crawford, Kathryn P.  
; APPLICANT: Madduri, Krishnamurthy  
; APPLICANT: Treadway, Patti J.  
; APPLICANT: Turner, Jan R.  
; APPLICANT: Waldron, Clive  
; TITLE OF INVENTION: Biosynthetic Genes For Spinosyn Insecticide  
; FILE REFERENCE: 50489 DIV1  
; CURRENT APPLICATION NUMBER: US/09/370,700  
; CURRENT FILING DATE: 1999-08-09  
; EARLIER APPLICATION NUMBER: US 09/36987  
; EARLIER FILING DATE: 1998-03-09  
; NUMBER OF SEQ ID NOS: 39

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 4928
; TYPE: PRT
; ORGANISM: Saccharopolyspora spinosa
; US-09-370-700-5

Query Match          54.9%; Score 39.5; DB 4; Length 4928;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 2; Mismatches 2; Indels 1; Gaps 1;

Qy 1 GMTFRAQEGAFLTG 14
| | : |||||
Db 3383 GSTY-VREGAFLTG 3395

RESULT 7
US-09-374-454-19
; Sequence 19, Application US/09374454
; Patent No. 6395548
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-En
; APPLICANT: Maemura, Koji
; APPLICANT: Hsieh, Chung-Ming
; TITLE OF INVENTION: METHODS OF MODULATING OF ANGIOGENESIS
; FILE REFERENCE: 05433/037001
; CURRENT APPLICATION NUMBER: US/09/374,454
; CURRENT FILING DATE: 1999-08-13
; EARLIER APPLICATION NUMBER: US 60/096,515
; EARLIER FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 602
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-374-454-19

Query Match          51.4%; Score 37; DB 4; Length 602;
Best Local Similarity 60.0%; Pred. No. 48;
Matches 6; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 4 FRAQEGAFLT 13
| | | : | : |
Db 403 FRKDGSEVT 412

RESULT 8
US-09-071-035-80
; Sequence 80, Application US/09071035
; Patent No. 6448043
; GENERAL INFORMATION:
; APPLICANT: Gil H. Choi
; TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
; NUMBER OF SEQUENCES: 496
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,035
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

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; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: A. Anders Brookes
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB369P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 339 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-071-035-80

Query Match          50.0%; Score 36; DB 4; Length 339;
Best Local Similarity 58.3%; Pred. No. 38;
Matches 7; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 3 TFRAQEGAFLTG 14
| | | : | : |
Db 126 TFRDNEAAYLAG 137

RESULT 9
US-08-313-412-1
; Sequence 1, Application US/08313412
; Patent No. 6248583
; GENERAL INFORMATION:
; APPLICANT: Aron Ph.D., Lieselotte
; APPLICANT: Cabello M.D., Felipe
; APPLICANT: Godfrey M.D., Henry P.
; APPLICANT: Schwartz Ph.D., Ira
; TITLE OF INVENTION: Chromosomally-Encoded Membrane
; TITLE OF INVENTION: Protein of Borrelia burgdorferi
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle
; STREET: P.O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/313,412
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 35553/1020
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 716-263-1304
; TELEFAX: 716-263-1600
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 353 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-313-412-1

Query Match          50.0%; Score 36; DB 4; Length 353;
Best Local Similarity 63.6%; Pred. No. 40;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

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QY 4 FRAQEGAFLTG 14  
 II : I I I I  
 Db 146 FRNEEAFLAG 156

RESULT 10

US-09-071-035-78  
 ; Sequence 78, Application US/09071035  
 ; Patent No. 6448043

GENERAL INFORMATION:

APPLICANT: Gili H. Choi  
 TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides  
 NUMBER OF SEQUENCES: 496  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Human Genome Sciences, Inc.  
 STREET: 9410 Key West Avenue  
 CITY: Rockville  
 STATE: Maryland  
 COUNTRY: USA  
 ZIP: 20850

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage  
 COMPUTER: HP Vectra 486/33  
 OPERATING SYSTEM: MSDOS version 6.2  
 SOFTWARE: ASCII Text

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/071,035

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: A. Anders Brookes  
 REGISTRATION NUMBER: 36,373  
 REFERENCE/DOCKET NUMBER: PB369P2  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (301) 309-8504  
 TELEFAX: (301) 309-8512

INFORMATION FOR SEQ ID NO: 78:

SEQUENCE CHARACTERISTICS:

LENGTH: 361 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-071-035-78

Query Match

Best Local Similarity 50.0%; Score 36; DB 4; Length 361;  
 Mismatches 1; Conservative 7; Gaps 0;

QY 3 TFRQEGAFLTG 14  
 III I I I I  
 Db 148 TFRDNEAAYLAG 159

RESULT 11

US-08-804-227C-12  
 ; Sequence 12, Application US/08804227C  
 ; Patent No. 5876991

GENERAL INFORMATION:

APPLICANT: DeHoif, Bradley S.  
 APPLICANT: Kuhstoss, Stuart A.  
 APPLICANT: Rostock, Paul R., Jr.  
 APPLICANT: Sutton, Kimberly L.  
 TITLE OF INVENTION: POLYKETIDE SYNTHASE GENES  
 NUMBER OF SEQUENCES: 15  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: THOMAS G. PLANT 1501  
 STREET: LILLY CORPORATE CENTER  
 CITY: INDIANAPOLIS

STATE: IN  
 COUNTRY: USA  
 ZIP: 46285  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: MS-DOS  
 SOFTWARE: ASCII(DOS) Text only  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/804,227C  
 FILING DATE: February 21, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Plant, Thomas, G.  
 REGISTRATION NUMBER: 35,784  
 REFERENCE/DOCKET NUMBER: X-8231  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 317-276-2459

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 1891 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: peptide

US-08-804-227C-12

Query Match

Best Local Similarity 49.3%; Score 35.5; DB 2; Length 1891;  
 Mismatches 8; Conservative 2; Mismatches 3; Indels 1; Gaps 1;

QY 1 GMTFRAQEGAFLTG 14

II : I I I I I

Db 90 GTTY-CREGGFLTG 102

RESULT 12

US-08-804-198-6  
 ; Sequence 6, Application US/08804198  
 ; Patent No. 5945320

GENERAL INFORMATION:

APPLICANT: Burett, Stanley G.  
 APPLICANT: Kuhstoss, Stuart A.  
 APPLICANT: Rao, Nagaraja R.  
 APPLICANT: Richardson, Mark A.  
 APPLICANT: Rostock, Paul R., Jr.  
 TITLE OF INVENTION: PLATENOLIDE SYNTHASE GENE  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: PAUL R. CANTRELL 1138

STREET: LILLY CORPORATE CENTER

CITY: INDIANAPOLIS

STATE: IN

COUNTRY: USA

ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: Macintosh

OPERATING SYSTEM: Macintosh 7.0

SOFTWARE: Microsoft Word 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/804,198

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: CANTRELL, PAUL R.  
 REGISTRATION NUMBER: 36,470  
 REFERENCE/DOCKET NUMBER: P9113  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 317-276-3885

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 1891 amino acids

TYPE: amino acid

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; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-804-198-6

Query Match 49.3% Score 35.5; DB 2; Length 1891;
Best Local Similarity 57.1%; Pred. No. 3.4e+02;
Matches 8; Conservative 2; Mismatches 3; Indels 1; Gaps 1;

Qy 1 GMTFRAQEGAFLTG 14
| | :|||
Db 90 GTTY-CREGGFLTG 102

RESULT 13
US-09-171-156A-65
; Sequence 65, Application US/09171156A
; Patent No. 6368846
; GENERAL INFORMATION:
; APPLICANT: Hunter, Shirley Wu
; Sim, Gek-Ke
; Weber, Eric R.
; TITLE OF INVENTION: NOVEL ECTOPARASITE SALIVA PROTEINS AND
; APPARATUS TO COLLECT SUCH PROTEINS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SHERIDAN ROSS P.C.
; STREET: 1560 BROADWAY, SUITE 1200
; CITY: DENVER
; STATE: CO
; COUNTRY: U.S.A.
; ZIP: 80202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/171.156A
; FILING DATE: 04-Mar-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Connell, Gary J.
; REGISTRATION NUMBER: 32,020
; REFERENCE/DOCKET NUMBER: 2618-17-C4-PUS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303/863-9700
; TELEFAX: 303/863-0223
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 353 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 65:
US-09-171-156A-65

Query Match 48.6% Score 35; DB 4; Length 353;
Best Local Similarity 58.3%; Pred. No. 62;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TFRQEGAFLTG 14
| | :|||
Db 76 TRRSQEGALIG 87

RESULT 14
US-09-171-156A-68
; Sequence 68, Application US/09171156A
; Patent No. 6368846
; GENERAL INFORMATION:
; APPLICANT: Hunter, Shirley Wu
; Sim, Gek-Ke
; Weber, Eric R.

```

```

; TITLE OF INVENTION: NOVEL ECTOPARASITE SALIVA PROTEINS AND
; APPARATUS TO COLLECT SUCH PROTEINS
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SHERIDAN ROSS P.C.
; STREET: 1560 BROADWAY, SUITE 1200
; CITY: DENVER
; STATE: CO
; COUNTRY: U.S.A.
; ZIP: 80202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/171.156A
; FILING DATE: 04-Mar-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Connell, Gary J.
; REGISTRATION NUMBER: 32,020
; REFERENCE/DOCKET NUMBER: 2618-17-C4-PUS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303/863-9700
; TELEFAX: 303/863-0223
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 353 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-171-156A-68

Query Match 48.6% Score 35; DB 4; Length 353;
Best Local Similarity 58.3%; Pred. No. 62;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TFRQEGAFLTG 14
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Db 76 TRRSQEGALIG 87

RESULT 15
US-09-627-376-15
; Sequence 15, Application US/09627376
; Patent No. 6342385
; GENERAL INFORMATION:
; APPLICANT: Qi, Fengxia
; TITLE OF INVENTION: MUTACIN I BIOSYNTHESIS GENES AND PROTEINS
; FILE REFERENCE: UAB-17402/22
; CURRENT APPLICATION NUMBER: US/09/627.376
; CURRENT FILING DATE: 2001-05-30
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 15
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Streptococcus mutans
US-09-627-376-15

Query Match 47.2% Score 34; DB 4; Length 246;
Best Local Similarity 54.5%; Pred. No. 64;
Matches 6; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2 MTFRAQEGAF 12
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Db 27 ITFSVQEGEFI 37

Search completed: March 25, 2003, 08:30:11
Job time : 17 secs

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